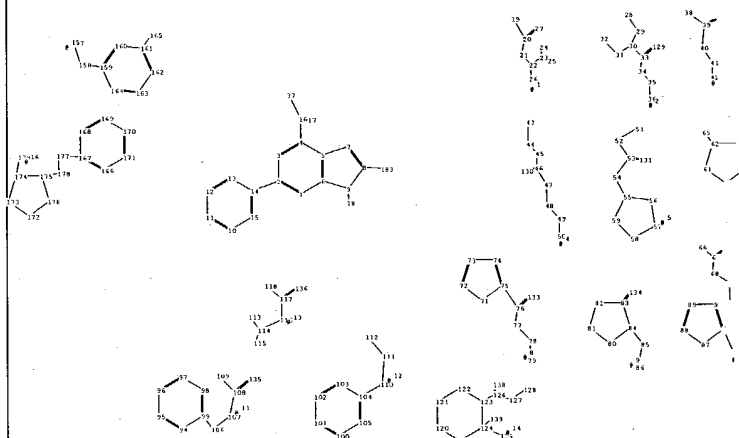
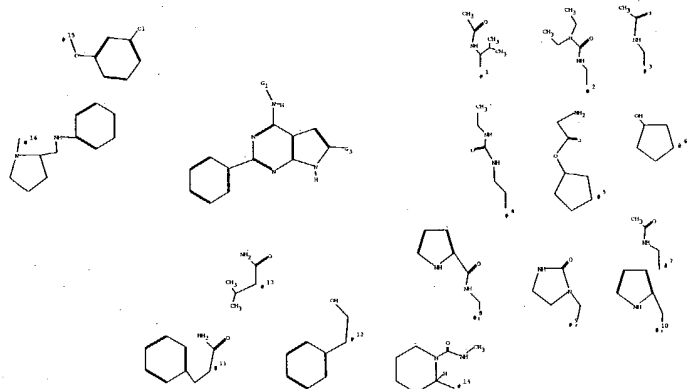


Registry/CAPUS Search 2/5/2004



## chain nodes :

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37  
 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 65 66 67 68 69  
 70 76 77 78 79 85 86 92 93 106 107 108 109 110 111 112 113 114 115 116  
 117 118 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 157  
 158 165 177 178 179 183

## ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 55 56 57 58 59 60 61 62 63 64  
 71 72 73 74 75 80 81 82 83 84 87 88 89 90 91 94 95 96 97 98 99 100  
 101 102 103 104 105 119 120 121 122 123 124 159 160 161 162 163 164 166  
 167 168 169 170 171 172 173 174 175 176

## chain bonds :

2-14 4-16 8-183 9-18 16-17 16-37 19-20 20-21 20-27 21-22 22-23 22-26 23-24  
 23-25 28-29 29-30 30-31 30-33 31-32 33-34 33-129 34-35 35-36 38-39 39-40  
 39-137 40-41 41-42 43-44 44-45 45-46 46-47 46-130 47-48 48-49 49-50 51-52  
 52-53 53-54 53-131 54-55 62-65 66-67 67-68 67-132 68-69 69-70 75-76 76-77  
 76-133 77-78 78-79 83-134 84-85 85-86 91-92 92-93 99-106 104-110 106-107  
 107-108 108-109 108-135 110-111 111-112 113-114 114-115 114-116 116-117 117-118  
 117-136 123-126 124-125 124-139 126-127 126-138 127-128 157-158 158-159 161-165  
 167-177 174-179 175-178 177-178

## ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14  
 14-15 55-56 55-59 56-57 57-58 58-59 60-61 60-64 61-62 62-63 63-64 71-72 71-75  
 72-73 73-74 74-75 80-81 80-84 81-82 82-83 83-84 87-88 87-91 88-89 89-90 90-91  
 94-95 94-99 95-96 96-97 97-98 98-99 100-101 100-105 101-102 102-103 103-104  
 104-105 119-120 119-124 120-121 121-122 122-123 123-124 159-160 159-164 160-161  
 161-162 162-163 163-164 166-167 166-171 167-168 168-169 169-170 170-171 172-173  
 172-176 173-174 174-175 175-176

## exact/norm bonds :

4-16 5-7 6-9 7-8 8-9 8-183 16-37 20-21 20-27 21-22 29-30 30-31 30-33 33-34  
 33-129 34-35 39-40 39-137 40-41 44-45 45-46 46-47 46-130 47-48 51-52 53-54  
 53-131 54-55 55-56 55-59 56-57 57-58 58-59 60-61 60-64 61-62 62-63 62-65  
 63-64 67-68 67-132 68-69 71-72 71-75 72-73 73-74 74-75 76-77 76-133 77-78  
 80-81 80-84 81-82 82-83 83-84 83-134 84-85 87-88 87-91 88-89 89-90 90-91  
 108-109

108-135 111-112 117-118 117-136 119-120 119-124 120-121 121-122 122-123  
123-124 123-126 126-127 126-138 157-158 158-159 167-177 172-173 172-176 173-174  
174-175 174-179 175-176 177-178

exact bonds :

2-14 9-18 16-17 19-20 22-23 22-26 23-24 23-25 28-29 31-32 35-36 38-39 41-42  
43-44 48-49 49-50 52-53 66-67 69-70 75-76 78-79 85-86 91-92 92-93 99-106  
104-110 106-107 107-108 110-111 113-114 114-115 114-116 116-117 124-125 124-139  
127-128 161-165 175-178

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15 94-95 94-99  
95-96 96-97 97-98 98-99 100-101 100-105 101-102 102-103 103-104 104-105 159-160  
159-164 160-161 161-162 162-163 163-164 166-167 166-171 167-168 168-169 169-170  
170-171

G1:[\*1],[\*2],[\*3],[\*4],[\*5],[\*6],[\*7],[\*8],[\*9],[\*10],[\*11],[\*12],[\*13],[\*14]

G2:H,CH3

G3:H,CH3,Ph,[\*15],[\*16]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS  
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS  
30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS  
39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS  
48:CLASS 49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:Atom 56:Atom  
57:Atom 58:Atom 59:Atom 60:Atom 61:Atom 62:Atom 63:Atom 64:Atom 65:CLASS  
66:CLASS 67:CLASS 68:CLASS 69:CLASS 70:CLASS 71:Atom 72:Atom 73:Atom 74:Atom  
75:Atom 76:CLASS 77:CLASS 78:CLASS 79:CLASS 80:Atom 81:Atom 82:Atom 83:Atom  
84:Atom 85:CLASS 86:CLASS 87:Atom 88:Atom 89:Atom 90:Atom 91:Atom 92:CLASS  
93:CLASS 94:Atom 95:Atom 96:Atom 97:Atom 98:Atom 99:Atom 100:Atom 101:Atom  
102:Atom 103:Atom 104:Atom 105:Atom 106:CLASS 107:CLASS 108:CLASS 109:CLASS  
110:CLASS 111:CLASS 112:CLASS 113:CLASS 114:CLASS 115:CLASS 116:CLASS 117:CLASS  
118:CLASS 119:Atom 120:Atom 121:Atom 122:Atom 123:Atom 124:Atom 125:CLASS  
126:CLASS 127:CLASS 128:CLASS 129:CLASS 130:CLASS 131:CLASS 132:CLASS 133:CLASS  
134:CLASS 135:CLASS 136:CLASS 137:CLASS 138:CLASS 139:CLASS 157:CLASS 158:CLASS  
159:Atom 160:Atom 161:Atom 162:Atom 163:Atom 164:Atom 165:CLASS 166:Atom 167:Atom  
168:Atom 169:Atom 170:Atom 171:Atom 172:Atom 173:Atom 174:Atom 175:Atom 176:Atom  
177:CLASS 178:CLASS 179:CLASS 183:CLASS